## 2011 WSU Variety Testing SW Winter Wheat Trial, Horse Heaven

Variety Name Cubu Instance         VAREAGE (BU/A)         AVERAGE (BU/A) (BU/A)         VIELD (BU/A) (LBS/BU)         PROTIEN (%)         LODGING PLANT DATE DATE DATE DATE DATE DATE DATE DAT				2011					
WA 8116         -         56         71         61.1         8.6         0         30         150           ARS970161-3L         -         54         70         61.6         9.9         0         34         149           ARS960277L         -         54         70         60.1         8.5         0         33         149           Skiles         -         39         52         70         61.1         8.6         0         31         149           Skiles         -         39         51         69         60.9         8.3         0         33         149           Skiles         -         43         89         69         60.9         8.3         0         32         150           Accomplete         -         40         64         69         59.2         7.8         0         32         150           Accomplete         -         40         54         69         59.2         7.8         0         32         150           Accomplete         -         40         54         68         59.9         9.0         0         33         149           Decomplete         -									HEAD DATE
ARS970161-3L	Chukar	 41	56	71	59.6	9.1	0	33	151
ARS960277L         -         64         70         60.1         8.5         0         33         149           Skiles         -         39         52         70         61.1         8.5         0         33         149           Skiles         -         39         52         70         61.1         8.5         0         33         149           Ez6W02-616         -         39         51         69         62.6         9.2         0         32         145           Chukar 12%%         -         54         69         59.2         7.8         0         32         150           OR2070385         -         69         59.6         9.0         0         33         149           Bruehl         -         39         52         68         59.1         7.9         0         33         149           Legion         -         40         54         68         59.9         9.7         0         33         149           Legion         -         40         54         68         59.8         8.9         0         33         149           Legion         -         40 <t< td=""><td>WA 8116</td><td></td><td>56</td><td>71</td><td>61.1</td><td>8.6</td><td>0</td><td>30</td><td>150</td></t<>	WA 8116		56	71	61.1	8.6	0	30	150
Skiles          39         52         70         61.1         8.5         0         31         149           Xerpha          43         58         69         60.9         8.3         0         33         149           ZEGW02-616          39         51         69         62.6         9.2         0         32         150           AKS97230-6C          54         69         59.2         7.8         0         32         150           AKS97230-6C           69         59.1         7.4         0         29         150           ORC9070385           49         54         68         59.1         7.9         0         34         151           Tubbs 66          40         54         68         59.9         9.7         0         33         149           Legion          40         53         68         61.4         9.0         0         33         149           AP Legacy          40         53         68         61.4         9.0         0         33         149 <tr< td=""><td>ARS970161-3L</td><td></td><td></td><td>71</td><td>61.6</td><td>9.9</td><td>0</td><td>34</td><td>149</td></tr<>	ARS970161-3L			71	61.6	9.9	0	34	149
Name	ARS960277L		54	70	60.1	8.5	0	33	149
BZ6W02-616	Skiles	 39	52	70	61.1	8.5	0	31	149
Chukar +25%          54         69         59.2         7.8         0         32         150           ALBS97230-6C          69         59.6         9.0         0         33         149           Bruehl          39         52         68         59.1         7.9         0         33         149           Legion          40         54         68         59.9         9.7         0         33         149           AP Legacy          40         53         68         61.4         9.0         0         33         149           Cara +25%          40         53         68         61.4         9.0         0         33         149           AR 1535          53         68         69.5         8.8         0         32         150           ORCF-102          39         52         67         60.8         9.2         0         33         149           ARS970075-3C          52         67         60.8         9.2         0         33         149           Coda          38	Xerpha	 43	58	69	60.9	8.3	0	33	149
ARS97230-6C          69         61.1         7.4         0         29         150           OR2070385          69         59.6         9.0         0         33         148           Bruehl          39         52         68         59.9         9.7         0         33         149           Legion          40         54         68         59.8         8.9         0         33         149           Legion          40         53         68         59.5         8.8         9         0         33         149           AP Legacy          40         53         68         59.5         8.8         9         0         33         149           Cara + 25%          53         68         69.5         8.8         9         0         35         150           ORCF-102          39         52         67         61.2         9.6         0         34         149           ARS97075.5C          57         61         62         61.2         8.9         0         33         148           DROCACH<	BZ6W02-616	 39	51	69	62.6	9.2	0	32	145
OR2070385          69         59.6         9.0         0         33         149           Bruehl          39         52         68         59.1         7.9         0         34         151           Tubbs 06          40         54         68         59.9         9.7         0         33         149           Legion          40         54         68         59.8         8.9         0         33         149           Cara +25%          40         53         68         61.4         9.0         0         33         149           Cara +25%          53         68         62.3         9.0         0         35         150           WA 8135          52         67         61.2         9.6         0         34         149           ARSY0075-3C          52         67         60.8         9.2         0         33         150           DOEG5          37         51         66         61.5         8.5         0         34         150           Cola          38         53	Chukar +25%		54	69	59.2	7.8	0	32	150
Bruehl	ARS97230-6C			69	61.1	7.4	0	29	150
Tubbs 06          40         54         68         55.9         9.7         0         33         149           Legion          40         54         68         55.9         8.9         0         33         149           AP Legacy          40         53         68         61.4         9.0         0         33         149           AP Legacy          40         53         68         61.4         9.0         0         33         149           Cara + 255%          53         68         62.3         9.0         0         35         150           ORCF-102          39         52         67         60.2         9.0         0         34         149           ARS970075-3C          52         67         60.8         9.2         0         33         149           COda          37         51         66         61.5         8.5         0         34         150           Finch          38         53         66         62.4         8.8         0         32         151           ORCF-103 </td <td>OR2070385</td> <td></td> <td></td> <td>69</td> <td>59.6</td> <td>9.0</td> <td>0</td> <td>33</td> <td>149</td>	OR2070385			69	59.6	9.0	0	33	149
Legion          40         54         68         59.8         8.9         0         33         149           AP Legacy          40         53         68         61.4         9.0         0         33         149           Cara +25%          53         68         59.5         8.8         0         32         150           ORCF-102          39         52         67         61.2         9.6         0         34         149           ARS97007-53C          52         67         60.8         9.2         0         33         150           DRO663          52         67         60.8         9.1         0         31         147           OR2071628          37         51         66         61.5         8.5         0         34         150           Pinch          38         53         66         62.4         8.8         0         32         151           ORCF-103          38         53         66         62.4         8.8         0         33         149           ORCF-103 </td <td>Bruehl</td> <td> 39</td> <td>52</td> <td>68</td> <td>59.1</td> <td>7.9</td> <td>0</td> <td>34</td> <td>151</td>	Bruehl	 39	52	68	59.1	7.9	0	34	151
AP Legacy - 40 53 68 61.4 9.0 0 33 149  Cara +25% - 53 68 59.5 8.8 0 32 150  WA 8135 - 68 62.3 9.0 0 35 150  WA 8135 - 68 62.3 9.0 0 35 150  ORCF-102 - 39 52 67 61.2 9.6 0 34 149  ARS970075-3C - 52 67 60.8 9.2 0 33 150  IDO663 - 67 60.8 9.1 0 31 147  OR2071628 - 67 60.8 9.1 0 31 147  OR2071628 - 67 60.8 9.1 0 31 147  OR2071628 - 7 60.8 9.1 0 31 147  OR2071628 - 7 60.8 9.1 0 31 147  OR2071628 - 7 60.8 9.1 0 31 149  ORCF-103 - 8 8 53 66 62.4 8.8 0 32 151  ORCF-103 - 8 9 52 66 60.9 8.7 0 34 150  ARS970163-4C - 52 66 60.9 8.7 0 34 150  ARS970163-4C - 66 60.6 8.6 0 33 149  Masami - 39 52 65 60.8 8.6 0 33 151  Brundage 96 - 38 51 65 60.6 10.0 0 31 149  Bruneau - 38 52 65 60.8 9.0 0 32 150  WA 8094 - 38 51 65 60.6 8.7 0 34 150  WA 8094 - 38 51 65 60.8 8.7 0 34 150  WA 8094 - 38 51 65 60.8 8.7 0 34 150  WA 8094 - 38 51 65 60.8 8.7 0 34 150  WA 8094 - 38 51 65 60.8 8.7 0 34 150  WA 8092 - 37 50 64 60.9 9.0 0 32 150  WA 8092 - 37 50 64 60.9 9.0 0 32 148  Rod/Tubbs 06 - 38 50 62 61.4 9.3 0 32 148  Rod/Tubbs 06 - 38 50 63 60.1 9.0 0 32 150  RodoWA-528 - 7 38 50 64 60.1 9.0 0 31 150  RodoWA-528 - 7 38 50 62 61.3 8.9 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.5 9.8 0 0 32 148  Eltan - 7 38 50 62 61.7 9.1 0 32 148  Eltan - 7 38 50 62 61.7 9.1 0 32 148  Eltan - 7 38 50 62 61.7 9.1 0 32 148	Tubbs 06	 40	54	68	59.9	9.7	0	33	149
AP Legacy 40 53 68 61.4 9.0 0 33 149 (Cara +25% 53 68 59.5 8.8 0 32 150 MA 8135 58 68 62.3 9.0 0 35 150 (AR 8135 58 68 62.3 9.0 0 35 150 (AR 8135 58 68 62.3 9.0 0 35 150 (AR 8135 58 68 62.3 9.0 0 35 150 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.3 9.0 0 34 149 (AR 8135 58 68 62.4 9.8 0 0 34 149 (AR 8135 58 68 62.4 9.8 0 0 32 151 (AR 8135 58 68 68 62.4 9.8 0 0 32 151 (AR 8135 58 68 68 69.4 9.0 0 30 150 (AR 8135 58 68 69.4 9.0 0 30 150 (AR 8135 58 68 69.4 9.0 0 34 150 (AR 8135 58 68 69.4 9.0 0 34 150 (AR 8135 58 68 69.4 9.0 0 34 150 (AR 8135 58 69.4 9.0 0 34 150 (AR 8135 5		 40	54	68		8.9	0	33	
Cara + 25%         -         53         68         59.5         8.8         0         32         150           WA 8135         -         -         68         62.3         9.0         0         35         150           ORCF-102         -         39         52         67         61.2         9.6         0         34         149           ARS97075-3C         -         52         67         60.8         9.2         0         33         150           IDO663         -         67         60.8         9.1         0         31         147           OR2071628         -         37         51         66         61.5         8.5         0         34         150           Finch         -         38         53         66         61.5         8.5         0         34         150           ORCF-103         -         40         54         66         61.1         9.0         0         32         151           ORS970163-4C         -         39         52         65         60.8         60.9         8.7         0         33         151           Brundage 96         -         38 <td></td> <td> 40</td> <td>53</td> <td>68</td> <td>61.4</td> <td>9.0</td> <td>0</td> <td>33</td> <td>149</td>		 40	53	68	61.4	9.0	0	33	149
WA 8135          68         62.3         9.0         0         35         150           ORCF-102          39         52         67         61.2         9.6         0         34         149           ARS970075-3C          52         67         60.8         9.2         0         33         150           ID0663          67         60.8         9.1         0         31         147           OR2071628          67         60.2         8.9         0         33         149           Coda          37         51         66         61.5         8.5         0         34         150           Finch          38         53         66         62.4         8.8         0         32         151           ORCF-102         52         66         60.6         61.1         9.0         0         34         150           Finch          38         52         65         60.6         61.6         61.0         30         31         149           ARS970163-4C          38         51         65         60.							0		
ORCF-102          39         52         67         61.2         9.6         0         34         149           ARS970075-3C          52         67         60.8         9.2         0         33         150           IDO663          52         67         60.8         9.1         0         31         147           OR2071628          67         60.8         9.1         0         31         147           Coda          37         51         66         61.5         8.5         0         34         150           Finch          38         53         66         62.4         8.8         0         32         151           ORCF-103          40         54         66         61.1         9.0         0         30         150           ARS970163-4C          52         66         60.9         8.7         0         34         150           SPN0177733          39         52         65         60.3         9.5         0         33         151           Brundage 96          38							0		
ARS970075-3C 52 67 60.8 9.2 0 33 150 IDO663 67 60.8 9.1 0 31 147 OR2071628 67 60.2 8.9 0 33 149 Coda 37 51 66 61.5 8.5 0 34 150 Flinch 38 53 66 62.4 8.8 0 32 151 ORCF-103 40 54 66 61.1 9.0 0 30 150 ARS970163-4C 52 66 60.9 8.7 0 34 150 OSPN107#3 52 66 60.6 8.6 0 33 149 Brundage 96 38 51 65 60.6 8.6 0 33 151 Brundage 96 38 51 65 60.8 9.0 0 31 150 Eltan/Tubbs 06 38 51 65 60.8 8.7 0 34 150 WA 8094 38 51 65 60.8 8.7 0 34 150 WA 8094 38 51 65 60.8 8.7 0 34 150 WA 8094 38 51 65 60.8 8.7 0 34 150 WA 8094 38 51 65 60.8 8.7 0 34 150 WA 8094 38 51 65 61.8 8.6 0 34 149 WA 8143 65 65 60.5 8.5 0 34 150 WA 8094 38 51 65 61.8 8.6 0 34 149 WA 8143 65 65 61.8 8.6 0 34 149 WA 8143 7 7 50 64 61.4 9.3 0 33 151 WB-528 40 53 64 61.4 9.3 0 32 148 ROd/Tubbs 06 38 50 62 61.3 8.9 0 32 148 ROd/Tubbs 06 38 50 62 61.3 8.9 0 32 148 Endamental 38 50 62 61.5 9.8 0 32 148 Eltan 38 50 62 61.5 9.8 0 32 148 Eltan 38 50 62 61.5 9.8 0 32 148 SY Ovation 62 61.7 9.1 0 32 148		 39	52				0		
147   147   148   148   149									
OR2071628          67         60.2         8.9         0         33         149           Coda          37         51         66         61.5         8.5         0         34         150           Finch          38         53         66         62.4         8.8         0         32         151           ORCF-103          40         54         66         61.1         9.0         0         30         150           ARS970163-4C          52         66         60.9         8.7         0         34         150           O3PN10783          39         52         65         60.3         9.5         0         33         149           Masami          39         52         65         60.3         9.5         0         33         151           Brundage 96          38         51         65         60.6         10.0         0         31         149           Brundage 96          38         51         65         60.8         8.7         0         34         150           WA 8094			02						
Coda 37 51 66 61.5 8.5 0 34 150  Finch 38 53 66 62.4 8.8 0 32 151  ORCF-103 40 54 66 61.1 9.0 0 30 150  ARS970163-4C 52 66 60.9 8.7 0 34 150  OSPN107#3 56 65 60.3 9.5 0 33 151  Brundage 96 38 51 65 60.6 10.0 0 31 149  Bruneau 38 52 65 60.8 9.0 0 32 150  Eltan/Tubbs 06 39 52 65 60.8 8.7 0 34 150  WA 8094 38 51 65 61.8 8.6 0 34 150  WA 8094 38 51 65 61.8 8.6 0 34 150  WA 8143 65 65 61.4 9.3 0 34 150  WA 8143 65 65 61.4 9.3 0 33 151  WA 8092 38 53 64 60.4 9.3 0 33 151  WA 8092 38 50 63 64 60.2 9.5 0 34 150  WA 8092 38 50 63 60.1 8.2 0 34 150  WA 8092 38 50 63 60.1 8.2 0 34 150  WA 8092 38 50 64 60.9 10.2 0 34 150  WA 8092 38 50 63 60.1 8.2 0 34 150  WA 8092 38 50 63 60.1 8.2 0 33 150  WA 8092 38 50 63 60.1 8.2 0 33 150  Rod/WB-528 40 38 50 63 60.1 8.2 0 33 150  Rod/WB-528 38 50 62 61.3 8.9 0 32 148  Rod/WB-528 38 50 62 61.3 8.9 0 32 149  Eltan 38 50 62 61.3 8.9 0 32 149  Eltan 38 50 62 61.5 9.8 0 32 148  Sr Ovation 50 62 61.5 9.8 0 32 148  Sr Ovation 62 61.5 9.8 0 32 148  Sr Ovation 62 61.5 9.8 0 32 148									
Finch          38         53         66         62.4         8.8         0         32         151           ORCF-103          40         54         66         61.1         9.0         0         30         150           ARS970163-4C          52         66         60.9         8.7         0         34         150           O3PN107#3          39         52         65         60.6         8.6         0         33         149           Masami          39         52         65         60.3         9.5         0         31         149           Bruneau          38         52         65         60.8         9.0         0         32         150           WA 8094          38         51         65         61.8         8.6         0         34         149           ARS98X402-1C          38         51         65         61.8         8.6         0         34         149           WA 8143          40         53         64         61.4         9.3         0         32         148		37	51						
ORCF-103          40         54         66         61.1         9.0         0         30         150           ARS970163-4C          52         66         60.9         8.7         0         34         150           03PN107#3          52         66         60.6         8.6         0         33         149           Masami          39         52         65         60.3         9.5         0         33         151           Brundage 96          38         51         65         60.6         10.0         0         31         149           Bruneau          38         52         65         60.8         9.0         0         32         150           Eltan/Tubbs 06          39         52         65         60.8         8.7         0         34         150           AP Badger          38         51         65         61.8         8.6         0         34         150           WA 8143          40         53         64         61.4         9.3         0         32         148 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>									
ARS970163-4C 52 66 60.9 8.7 0 34 150 03PN107#3 66 60.6 8.6 0 33 149  Masami 39 52 65 60.3 9.5 0 33 151  Brundage 96 38 51 65 60.6 10.0 0 31 149  Bruneau 38 52 65 60.8 9.0 0 32 150  Eltan/Tubbs 06 39 52 65 60.8 8.7 0 34 150  WA 8094 38 51 65 61.8 8.6 0 34 149  ARS98X402-1C 65 60.5 8.5 0 34 150  AP Badger 65 60.5 8.5 0 34 150  WA 8143 65 61.4 9.3 0 33 151  WB-528 40 53 64 61.4 9.3 0 32 148  Rod/Tubbs 06 38 53 64 60.9 10.2 0 34 150  WA 8092 37 50 64 60.9 10.2 0 34 151  Madsen/Rod 38 50 63 60.1 8.2 0 33 150  Rod/WB-528 63 61.1 9.7 0 32 149  Eltan 38 50 63 61.1 9.7 0 32 149  Eltan 38 50 62 61.3 8.9 0 32 149  Eltan 38 50 62 61.5 9.8 0 32 148  SY Ovation 62 61.7 9.1 0 32 148  SY Ovation 62 61.7 9.1 0 32 148									
03PN107#3          66         60.6         8.6         0         33         149           Masami          39         52         65         60.3         9.5         0         33         151           Brundage 96          38         51         65         60.6         10.0         0         31         149           Bruneau          38         52         65         60.8         9.0         0         32         150           Eltan/Tubbs 06          39         52         65         60.8         8.7         0         34         150           WA 8094          38         51         65         61.8         8.6         0         34         149           ARS98X402-1C           65         60.5         8.5         0         34         150           AP Badger           65         61.8         8.6         0         33         149           WA 8143          40         53         64         61.4         9.3         0         32         148           Rod/Tubbs 06		40							
Masami          39         52         65         60.3         9.5         0         33         151           Brundage 96          38         51         65         60.6         10.0         0         31         149           Bruneau          38         52         65         60.8         9.0         0         32         150           Eltan/Tubbs 06          39         52         65         60.8         8.7         0         34         150           WA 8094          38         51         65         61.8         8.6         0         34         149           ARS98X402-1C          38         51         65         60.5         8.5         0         34         150           AP Badger           65         60.5         8.5         0         34         150           AP Badger          40         53         64         61.4         9.3         0         33         151           WB-528          40         53         64         61.4         9.3         0         34         150			52						
Brundage 96          38         51         65         60.6         10.0         0         31         149           Bruneau          38         52         65         60.8         9.0         0         32         150           Eltan/Tubbs 06          39         52         65         60.8         8.7         0         34         150           WA 8094          38         51         65         61.8         8.6         0         34         149           ARS98X402-1C          38         51         65         60.5         8.5         0         34         150           AP Badger          65         69.5         59.3         9.2         0         33         149           WA 8143          40         53         64         61.4         9.3         0         32         148           Rod/Tubbs 06          38         53         64         60.2         9.5         0         34         150           WA 8092          37         50         64         60.9         10.2         0         34         151		30	52						
Bruneau          38         52         65         60.8         9.0         0         32         150           Eltan/Tubbs 06          39         52         65         60.8         8.7         0         34         150           WA 8094          38         51         65         61.8         8.6         0         34         149           ARS98X402-1C           65         60.5         8.5         0         34         150           AP Badger          65         59.3         9.2         0         33         149           WA 8143          40         53         64         61.4         9.3         0         32         148           Rod/Tubbs 06          38         53         64         60.2         9.5         0         34         150           WA 8092          37         50         64         60.9         10.2         0         34         151           Madsen/Rod          38         50         63         61.1         9.7         0         32         149           Eltan									
Eltan/Tubbs 06        39       52       65       60.8       8.7       0       34       150         WA 8094        38       51       65       61.8       8.6       0       34       149         ARS98X402-1C        65       60.5       8.5       0       34       150         AP Badger        65       59.3       9.2       0       33       149         WA 8143        40       53       64       61.4       9.3       0       32       148         Rod/Tubbs 06        38       53       64       60.2       9.5       0       34       150         WA 8092        37       50       64       60.9       10.2       0       34       151         Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        38       50       62       61.3       8.9       0       32       149         Eltan        38       52       62       60.2       9.1       0       31       150									
WA 8094        38       51       65       61.8       8.6       0       34       149         ARS98X402-IC        65       60.5       8.5       0       34       150         AP Badger        65       59.3       9.2       0       33       149         WA 8143        40       53       64       61.4       9.3       0       32       148         Rod/Tubbs 06        38       53       64       60.2       9.5       0       34       150         WA 8092        37       50       64       60.9       10.2       0       34       151         Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        38       50       62       61.3       8.9       0       32       149         Eltan        38       52       62       60.2       9.1       0       31       150         Rod        38       52       62       60.2       9.1       0       32       148         SY O									
ARS98X402-1C 65 60.5 8.5 0 34 150 AP Badger 65 59.3 9.2 0 33 149 WA 8143 65 61.4 9.3 0 33 151 WB-528 40 53 64 61.4 9.3 0 32 148 Rod/Tubbs 06 38 53 64 60.2 9.5 0 34 150 WA 8092 37 50 64 60.9 10.2 0 34 151 Madsen/Rod 38 50 63 60.1 8.2 0 33 150 Rod/WB-528 63 61.1 9.7 0 32 149 Eltan 38 50 62 61.3 8.9 0 32 151 Rod 38 52 62 60.2 9.1 0 31 150 Goetze/Skiles 50 62 61.5 9.8 0 32 148 SY Ovation 62 61.7 9.1 0 32 148									
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WA 8143        65       61.4       9.3       0       33       151         WB-528        40       53       64       61.4       9.3       0       32       148         Rod/Tubbs 06        38       53       64       60.2       9.5       0       34       150         WA 8092        37       50       64       60.9       10.2       0       34       151         Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        38       50       62       61.1       9.7       0       32       149         Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         WA 8142        62       61.6       10.6       0       33       149									
WB-528        40       53       64       61.4       9.3       0       32       148         Rod/Tubbs 06        38       53       64       60.2       9.5       0       34       150         WA 8092        37       50       64       60.9       10.2       0       34       151         Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        63       61.1       9.7       0       32       149         Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149	•								
Rod/Tubbs 06        38       53       64       60.2       9.5       0       34       150         WA 8092        37       50       64       60.9       10.2       0       34       151         Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        63       61.1       9.7       0       32       149         Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149		40	F0						
WA 8092        37       50       64       60.9       10.2       0       34       151         Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        63       61.1       9.7       0       32       149         Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149									
Madsen/Rod        38       50       63       60.1       8.2       0       33       150         Rod/WB-528        63       61.1       9.7       0       32       149         Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149									
Rod/WB-528        63       61.1       9.7       0       32       149         Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149									
Eltan        38       50       62       61.3       8.9       0       32       151         Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149		38	50						
Rod        38       52       62       60.2       9.1       0       31       150         Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149			50						
Goetze/Skiles        50       62       61.5       9.8       0       32       148         SY Ovation        62       61.7       9.1       0       32       148         WA 8142        62       61.6       10.6       0       33       149									
SY Ovation      62     61.7     9.1     0     32     148       WA 8142      62     61.6     10.6     0     33     149		38							
<b>WA 8142 62</b> 61.6 10.6 0 33 149			50						
Cara 35 47 <b>61</b> 60.5 9.6 0 30 151									
	Cara	 35	47	61	60.5	9.6	0	30	151
<b>WA 8114</b> 49 <b>61 61.7</b> 9.6 0 32 146									
<b>ID00-475-2DH</b> 50 <b>61 62.7</b> 9.7 0 33 150	ID00-475-2DH		50	61	62.7	9.7	0	33	150

## 2011 WSU Variety Testing SW Winter Wheat Trial, Horse Heaven

Variety Name *Club Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011						
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE	
WA 8136				61	59.2	9.4	0	33	151	
96-16702A				61	61.8	8.8	0	33	149	
Bitterroot		36	47	60	61.3	9.0	0	34	150	
Stephens		35	46	59	60.1	10.1	0	30	148	
<b>UICF-Brundage</b>		36	49	59	60.2	10.0	0	31	149	
WA 8134				59	60.9	9.3	0	34	149	
WA 8144				59	61.6	9.8	0	38	152	
Sunrise (Soft Red	d)		49	58	61.3	9.8	0	33	150	
Madsen		34	46	57	61.0	8.8	0	32	150	
Lambert		35	46	57	60.5	9.4	0	35	148	
OR2040726		36	48	56	60.4	9.9	0	31	148	
AP 700 CL		34	45	55	60.6	9.3	0	33	149	
WA 8145				54	61.0	9.4	0	35	147	
NSA06-2153A				54	61.7	9.1	0	30	148	
C.V.		11	9	8	0.9	10.7	0	5	1	
LSD		4	6	10	1.0	1.9	0	3	1	
Average		38	51	64	60.8	9.1	0	33	149	
Highest		43	58	71	62.7	10.6	0	38	152	
Lowest		34	45	54	59.1	7.4	0	29	145	

## Horse Heaven Soft White Winter Wheat – Preliminary Data

- 1. Grain yield in the Horse Heaven soft white winter wheat trial averaged 64 bushels/acre, 26 bushels/acre higher than the 3-year average. Higher yields were enabled by favorable spring precipitation and temperatures. The Horse Heaven nursery was located about seven miles southeast of Prosser, WA (D. Rosenberry cooperator).
- 2. This nursery was seeded on 7 September, 2010 following summer fallow. Seed was placed at a 45#/acre seeding rate using a deep furrow plot drill set on 15-inch spacing. Base fertilizer was 50#N. Fall seeding conditions were favorable and emergence and stand establishment were good.
- 3. Yields ranged from 54 to 71 bu/ac. All yield values within the 10% LSD range of the highest yield are shown in bold. Chukar was the highest yielding cultivar in the trial, but 48 of the 60 entries in the trial were within the top LSD range. This shows that everything yielded well in the trial. Xerpha was the top yielding entry across three years of results. The cool and wet spring conditions along with local inoculum sources created early, high levels of stripe rust potential at this location. Fungicide was applied the beginning of April and again 30 May and controlled stripe rust across the trial. The Lattice design was 144% efficient compared to an RCBD.
- 4. Test weights were good with an average of 60.8 lb/bu. Grain protein averaged 9.1% with a range of 7.4 to 10.6%, plant height averaged 33 inches, and there was no lodging.