

KLAMATH ALFALFA VARIETY TRIAL (1960)

Yields in Tons per Acre

| Variety | 1961 | | 1962 | | 1963 | | 1964 | | 1961-1964 |
|-------------------------------|------|------|------|------|------|------|------|------|-----------|
| | 6/30 | 8/15 | 6/25 | 8/24 | 7/3 | 8/30 | 7/10 | 9/3 | Ave. /A |
| 1. Vernal | 3.16 | 1.83 | 2.61 | 2.57 | 2.74 | 2.59 | 4.12 | 2.38 | 5.50 |
| 2. Oklahoma Bulk Turkish Wild | 2.98 | 1.89 | 2.61 | 2.38 | 3.10 | 2.86 | 3.88 | 2.22 | 5.48 |
| 3. 919 Wash. | 2.92 | 1.89 | 2.48 | 2.22 | 2.65 | 2.50 | 4.25 | 2.23 | 5.28 |
| 4. N9-502 | 2.54 | 1.79 | 2.32 | 2.29 | 2.90 | 2.79 | 4.30 | 2.10 | 5.25 |
| 5. N9-504 | 2.70 | 1.62 | 2.20 | 2.29 | 3.37 | 2.42 | 4.13 | 2.19 | 5.23 |
| 6. Orestan | 2.49 | 2.05 | 2.79 | 2.15 | 2.89 | 2.12 | 4.21 | 2.22 | 5.23 |
| 7. Rhizoma | 2.89 | 1.57 | 2.44 | 2.35 | 2.97 | 2.62 | 3.91 | 2.15 | 5.22 |
| 8. N9-500 | 2.40 | 1.93 | 2.34 | 2.20 | 3.10 | 2.77 | 4.10 | 2.05 | 5.22 |
| 9. Cossack | 2.37 | 1.48 | 2.17 | 2.18 | 3.39 | 2.57 | 4.39 | 2.24 | 5.19 |
| 10. Nodulized Vernal | 2.79 | 1.77 | 2.49 | 2.25 | 2.63 | 2.52 | 3.95 | 2.28 | 5.17 |
| 11. Medicago glutinosa | 3.13 | 1.77 | 2.22 | 2.32 | 2.84 | 2.60 | 3.76 | 2.03 | 5.17 |
| 12. N9-503 | 2.40 | 1.78 | 2.33 | 2.34 | 2.79 | 2.42 | 4.30 | 2.30 | 5.16 |
| 13. Atlantic | 2.67 | 1.67 | 2.16 | 2.32 | 2.88 | 2.77 | 3.94 | 2.19 | 5.15 |
| 14. Talent | 2.64 | 1.61 | 2.73 | 2.01 | 2.51 | 2.56 | 4.13 | 2.13 | 5.13 |
| 15. Sevelra | 2.40 | 1.49 | 2.42 | 2.20 | 3.57 | 2.48 | 3.83 | 2.06 | 5.11 |
| 16. Meeker Baltic | 2.59 | 1.66 | 2.45 | 2.37 | 3.01 | 2.42 | 4.05 | 1.90 | 5.11 |
| 17. Drewsey Turkistan | 2.18 | 1.56 | 2.45 | 2.15 | 2.87 | 2.48 | 4.40 | 2.17 | 5.06 |
| 18. A-224 | 2.64 | 1.55 | 2.32 | 2.23 | 2.99 | 2.47 | 4.18 | 1.81 | 5.05 |
| 19. Kansas Common | 1.92 | 1.40 | 2.42 | 2.10 | 3.33 | 2.48 | 4.11 | 2.12 | 4.97 |
| 20. 919 Oregon | 2.41 | 1.47 | 2.20 | 2.11 | 2.53 | 2.61 | 4.28 | 2.15 | 4.94 |
| 21. Grimm | 2.39 | 1.32 | 2.58 | 2.11 | 2.58 | 2.46 | 4.02 | 2.11 | 4.89 |
| 22. Williamsburg | 2.42 | 1.74 | 2.49 | 2.34 | 2.86 | 2.65 | 3.08 | 2.13 | 4.92 |
| 23. Ladsak | 2.61 | 1.55 | 1.97 | 2.03 | 2.80 | 2.04 | 4.09 | 2.07 | 4.79 |
| 24. NK-501 | 1.98 | 1.23 | 2.11 | 2.12 | 2.95 | 2.46 | 3.89 | 1.63 | 4.59 |
| 25. Pilca Butte | 1.89 | 1.01 | 1.84 | 1.15 | 2.92 | 1.92 | 4.27 | 1.61 | 4.25 |

A. E. Gross
Klamath Falls

HOLIDAY PASTURE GRADING TOTAL

Average Pounds of Beef per Acre (actual gain)

| | <u>1960</u> | <u>1961</u> | <u>1962</u> | <u>1963</u> | <u>1964</u> | <u>Ave.</u> |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Kentucky bluegrass & white clover | 493 | 529 | 517 | 731 | 661 | 514 |
| Alta fescue & Vernal alfalfa | 479 | 731 | 703 | 525 | 517 | 539 |
| Alta fescue & white clover | 569 | 550 | 569 | 544 | 559 | 562 |
| Meadow foxtail & white clover | 537 | 530 | 513 | 525 | 518 | 524 |
| Meadow foxtail & Vernal alfalfa | 428 | 674 | 656 | 518 | 467 | 547 |

Average Daily Gain (pounds)

| | <u>1960</u> | <u>1961*</u> | <u>1962*</u> | <u>1963</u> | <u>1964</u> | <u>Ave.</u> |
|-----------------------------------|-------------|--------------|--------------|-------------|-------------|-------------|
| Kentucky bluegrass & white clover | 1.64 | 1.78 | 1.57 | 1.63 | 1.57 | 1.65 |
| Alta fescue & Vernal alfalfa | 1.63 | 1.61 | 1.51 | 1.71 | 1.74 | 1.71 |
| Alta fescue & white clover | 1.81 | 1.56 | 1.33 | 1.79 | 1.55 | 1.58 |
| Meadow foxtail & white clover | 1.74 | 1.71 | 1.29 | 1.61 | 1.71 | 1.72 |
| Meadow foxtail & Vernal alfalfa | 1.75 | 1.87 | 1.54 | 1.90 | 1.65 | 1.74 |

*Used average tester gains (average of two pre-selected animals)

Average Percent Legume

| | <u>1960</u> | <u>1961</u> | <u>1962</u> | <u>1963*</u> | <u>1964</u> | <u>Ave.</u> |
|-----------------------------------|-------------|-------------|-------------|--------------|-------------|-------------|
| Kentucky bluegrass & white clover | 56 | 45 | 35 | 63 | 57 | 53 |
| Alta fescue & Vernal alfalfa | 36 | 30 | 32 | 61 | 25 | 33 |
| Alta fescue & white clover | 60 | 11 | 26 | 38 | 35 | 38 |
| Meadow foxtail & white clover | 66 | 20 | 25 | 25 | 29 | 33 |
| Meadow foxtail & Vernal alfalfa | 56 | 56 | 35 | 62 | 23 | 45 |

*Only 1 set of data taken May 27, 1963