**AINP ON ARID LEGUMES**

**Coordinated Varietal Trial (Horsegram)**

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| --- | --- |
| **Crop : Horsegram** | **Name of Trial : IVT + AVT-I** |
| **No. of Entries : 13** | **Location : VPKAS, Almora, Uttarakhand** |
| **Replications : 3** | **Date of Sowing : 16.07.2015** |
| **Design : R.B.D.** |  |
| **Net plot size : 3 x 2.25 m (5 rows)** |  |

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| **S. No.** | **Entry code** | **Plant stand (%) at harvest\*** | **Days to 50% flowering\*** | **Days to maturity\*** | **Plant height (cm)\*** | | **Pods / plant (No.)\*** | **Seeds / pod**  **(No.)\*** | | **100 Seed**  **weight (g)\*** | | **Grain Yield**  **(g)/ Plot** | | | | | | | | **Total**  **grain yield (g) / plot** | | | **Mean grain yield**  **(g) / plot** | **Grain yield Kg/ha** | |
| **R1** | | | **R2** | | **R3** | | |
|  | **HG -1** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -2** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -3** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -4** | 90 | 49 | 94 | 78 | 44 | | | 5 | 3.22 | | 440 | | 640 | | | | 540 | 1620 | | | 405.00 | | 799 | |
|  | **HG -5** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -6** | 90 | 48 | 95 | 75 | 44 | | | 6 | 3.87 | | 600 | | 570 | | | | 600 | 1770 | | | 442.50 | | 873 | |
|  | **HG -7** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -8** | 90 | 46 | 91 | 78 | 42 | | | 5 | 3.01 | | 490 | | 580 | | | | 530 | 1600 | | | 400.00 | | 789 | |
|  | **HG -9** | 90 | 48 | 96 | 77 | 45 | | | 6 | 3.72 | | 570 | | 600 | | | | 680 | 1850 | | | 662.50 | | 913 | |
|  | **HG -10** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -11** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -12** | **Did not flower** | | | | | | | | | | | | | | | | | | | | | | | |
|  | **HG -13** | 85 | 67 | 104 | 78 | 28 | | | 5 | 2.87 | | 150 | | 120 | | | | 240 | 510 | | | 127.50 | | 252 | |
| \* Average of three replications | | | | | | | | | | |  | |  | | |  | | | | |  | | | |