**AINP ON ARID LEGUMES**

**Coordinated Varietal Trial (Horsegram)**

|  |  |
| --- | --- |
| **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)** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |  |  |